

BookletChart™

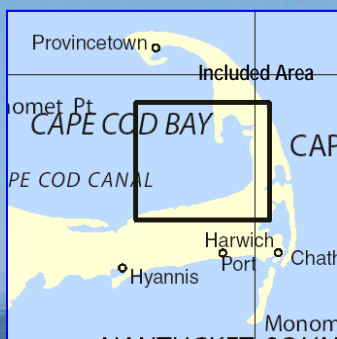
Wellfleet Harbor

NOAA Chart 13250

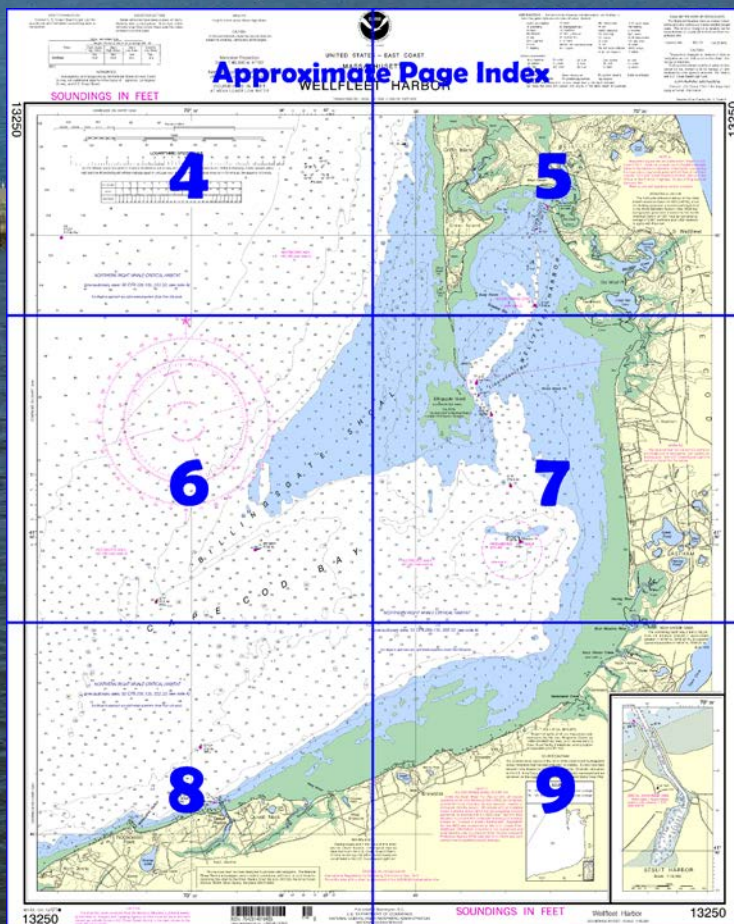


A reduced-scale NOAA nautical chart for small boaters

When possible, use the full-size NOAA chart for navigation.



- Complete, reduced-scale nautical chart
- Print at home for free
- Convenient size
- Up-to-date with Notices to Mariners
- Compiled by NOAA's Office of Coast Survey, the nation's chartmaker



Published by the
National Oceanic and Atmospheric Administration
National Ocean Service
Office of Coast Survey
www.NauticalCharts.NOAA.gov
888-990-NOAA

What are Nautical Charts?

Nautical charts are a fundamental tool of marine navigation. They show water depths, obstructions, buoys, other aids to navigation, and much more. The information is shown in a way that promotes safe and efficient navigation. Chart carriage is mandatory on the commercial ships that carry America's commerce. They are also used on every Navy and Coast Guard ship, fishing and passenger vessels, and are widely carried by recreational boaters.

What is a BookletChart™?

This BookletChart is made to help recreational boaters locate themselves on the water. It has been reduced in scale for convenience, but otherwise contains all the information of the full-scale nautical chart. The bar scales have also been reduced, and are accurate when used to measure distances in this BookletChart. See the Note at the bottom of page 5 for the reduction in scale applied to this chart.

Whenever possible, use the official, full scale NOAA nautical chart for navigation. Nautical chart sales agents are listed on the Internet at <http://www.NauticalCharts.NOAA.gov>.

This BookletChart does NOT fulfill chart carriage requirements for regulated commercial vessels under Titles 33 and 44 of the Code of Federal Regulations.

Notice to Mariners Correction Status

This BookletChart has been updated for chart corrections published in the U.S. Coast Guard Local Notice to Mariners, the National Geospatial Intelligence Agency Weekly Notice to Mariners, and, where applicable, the Canadian Coast Guard Notice to Mariners. Additional chart corrections have been made by NOAA in advance of their publication in a Notice to Mariners. The last Notices to Mariners applied to this chart are listed in the Note at the bottom of page 7. Coast Pilot excerpts are not being corrected.

For latest Coast Pilot excerpt visit the Office of Coast Survey website at <http://www.nauticalcharts.noaa.gov/nsd/searchbychart.php?chart=13250>.



(Selected Excerpts from Coast Pilot)

Between Barnstable and Wellfleet are several creeks which are used by local boats and launches at high water. All are dry at low water, except Sesuit Harbor. The 18-foot curve is 0.2 to 0.3 mile from shore between North Dennis and Sesuit Harbor, but eastward of the latter it is 0.5 to 1.5 miles from shore.

Sesuit Harbor, 5 miles eastward of Barnstable Harbor, has two jetties. The west jetty is marked by a light, and the east

jetty by a daybeacon. A lighted bell buoy, about 1 mile north-northwestward of the entrance, marks the approach. In 2009, the midchannel controlling depth was 5.4 feet. The channel between the

jetties and the harbor are subject to frequent shoaling, and local knowledge should be obtained before entering.

Anchorage.—East Dennis is a village 0.5 mile inland. The waters of the harbor are a **special anchorage**. (See **110.1** and **110.37**, chapter 2, for limits and regulations.)

Harbor regulations.—The moorings and berths at the town marina are under the control of the **harbormaster**, whose office is on the west side at the town landing. A **speed limit** of 4 miles per hour is in the harbor. Members of the Dennis Yacht Club moor their boats in the small bight on the west side of the channel just inside the west jetty. A marina, on the west side of the harbor about 0.35 miles southward of the jetty light, has depths of 6 feet reported alongside its service floats. The marina has a 20-ton mobile hoist for dry covered or open winter storage. Gasoline, diesel fuel, water, ice, pumpout facility, provisions, marine supplies, guest berths, and charter fishing boats are available. About 250 yards southward of the marina is the town landing with ramps, two piers, and float landings at which berthing with electricity and water are available.

A public small-craft launching ramp and an adjoining float landing are on the east side of the harbor, about 0.4 mile southward of the jetty light. Ample parking is available, and lodging can be obtained in town.

Rock Harbor, on the south side of **Rock Harbor Creek**, is about 7 miles eastward of Sesuit Harbor. The centerline of the channel forms part of the boundary between the towns of **Orleans** and **Eastham**. A seasonal lighted bell buoy is about 1.7 miles west of the entrance, and a private **100°** lighted range marks the entrance. The channel is marked by private seasonal bush stakes.

The Orleans town wharf and marina extends along the south and east sides of the harbor from the south jetty to the head. Party boats, draggers, yachts, and other small craft moor at the berths at which water and electricity are available; depths of 5 to 6 feet are reported alongside the berths. Gasoline and diesel fuel are available at a service wharf on the east side of the lower bend in the creek; depths of 5 feet are reported alongside the wharf. A pumpout facility is available at the town pier. The Eastham town marina, on the west bank of the creek just above the lower bend, has a small-craft launching ramp. Another launching ramp is on the southern side of the harbor near the jetty.

Wellfleet Harbor is on the western side of the hook of Cape Cod, near its southern end. **Wellfleet** is a town at the head of the harbor. **Mayo Beach** is also at the head of the harbor. The sandspit extending eastward from **Shirrtail Point** is protected by stone revetment and is paved for a parking area for the town wharf and marina. The basin north of the spit has been developed into a large marina with floats and berths for small craft and yachts.

Anchorage.—The inner harbor offers the best anchorages off the Wellfleet town wharf. In the outer harbor, northeast of **Smalley Bar**, the anchorage in depths of 12 to 21 feet is somewhat exposed in westerly winds. In northerly gales vessels sometimes anchor on the lee side of **Billingsgate Shoal** in 12 to 42 feet; the shoal breaks the sea so that vessels with good ground tackle can ride out a gale from northward.

Dangers.—Extensive shoals are in the entrance. Billingsgate Shoal extends about 5.5 miles westward of **Billingsgate Island**, on the western side of the entrance to the harbor. The island is covered at high water. A lighted bell buoy marks the southwest end of the shoal. Numerous sunken wrecks are south and west of the shoal; mariners are advised to exercise caution.

U.S. Coast Guard Rescue Coordination Center 24 hour Regional Contact for Emergencies

RCC Boston	Commander	
	1st CG District	(617) 223-8555
	Boston, MA	

Table of Selected Chart Notes

SPECIAL ANCHORAGE AREA
All the water in Sessuit Harbor south of jetty entrance 110.37. (see note A)

CAUTION
The channel into Wellfleet Harbor is subject to frequent changes.

HEIGHTS
Heights in feet above Mean High Water.

ROCK HARBOR CREEK
The controlling depth was 3 feet at MLLW, from the entrance channel in approximate position 41°47'59" N., 70°00'30" W., to a point in approximate position 41°48'04" N., 70°00'20" W.
June 1979

Mercator Projection
Scale 1:40,000 at Lat.41°50'
North American Datum of 1983
(World Geodetic System 1984)
SOUNDINGS IN FEET
AT MEAN LOWER LOW WATER

WARNING
The prudent mariner will not rely solely on any single aid to navigation, particularly on floating aids. See U.S. Coast Guard Light List and U.S. Coast Pilot for details.

CAUTION
Improved channels shown by broken lines are subject to shoaling, particularly at the edges.

POLLUTION REPORTS
Report all spills of oil and hazardous substances to the National Response Center via 1-800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR 153).

RACING BUOYS
Racing buoys within the limits of this chart are not shown hereon. Information may be obtained from the U.S. Coast Guard District Offices as racing and other private buoys are not all listed in the U.S. Coast Guard Light List.

AIDS TO NAVIGATION
Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation.

RADAR REFLECTORS
Radar reflectors have been placed on many floating aids to navigation. Individual radar reflector identification on these aids has been omitted from this chart.

HORIZONTAL DATUM
The horizontal reference datum of this chart is North American Datum of 1983 (NAD 83), which for charting purposes is considered equivalent to the World Geodetic System 1984 (WGS 84). Geographic positions referred to the North American Datum of 1927 must be corrected an average of 0.391" northward and 1.932" eastward to agree with this chart.

CAUTION
Temporary changes or defects in aids to navigation are not indicated on this chart. See Local Notice to Mariners.
During some winter months or when endangered by ice, certain aids to navigation are replaced by other types or removed. For details see U.S. Coast Guard Light List.

NOAA WEATHER RADIO BROADCASTS
The NOAA Weather Radio station listed below provides continuous weather broadcasts. The reception range is typically 20 to 40 nautical miles from the antenna site, but can be as much as 100 nautical miles for stations at high elevations.
Hyannis, MA KEC-73 162.550 MHz

NOTE Z
NO-DISCHARGE ZONE, 40 CFR 140
This chart falls entirely within the limits of a No-Discharge Zone (NDZ). Under the Clean Water Act, Section 312, all vessels operating within a No-Discharge Zone (NDZ) are completely prohibited from discharging any sewage, treated or untreated, into the waters. All vessels with an installed marine sanitation device (MSD) that are navigating, moored, anchored, or docked within a NDZ must have the MSD disabled to prevent the overboard discharge of sewage (treated or untreated) or install a holding tank. Regulations for the NDZ are contained in the U.S. Coast Pilot. Additional information concerning the regulations and requirements may be obtained from the Environmental Protection Agency (EPA) web site: http://www.epa.gov/owow/oceans/regulatory/vessel_sewage/.

NOTE A
Navigation regulations are published in Chapter 2, U.S. Coast Pilot 1. Additions or revisions to Chapter 2 are published in the Notice to Mariners. Information concerning the regulations may be obtained at the Office of the Commander, 1st Coast Guard District in Boston, MA or at the Office of the District Engineer, Corps of Engineers in Concord, MA.
Refer to charted regulation section numbers.

SOURCE DIAGRAM
The outlined areas represent the limits of the most recent hydrographic survey information that has been evaluated for charting. Surveys have been banded in this diagram by date and type of survey. Channels maintained by the U.S. Army Corps of Engineers are periodically resurveyed and are not shown on this diagram. Refer to Chapter 1, United States Coast Pilot.

AUTHORITIES
Hydrography and topography by the National Ocean Service, Coast Survey, with additional data from the Corps of Engineers, Geological Survey, and U.S. Coast Guard.

COLREGS, 80.135 (see note A)
International Regulations for Preventing Collisions at Sea, 1972.
The entire area of this chart falls seaward of the COLREGS Demarcation Line.

ABBREVIATIONS (For complete list of Symbols and Abbreviations, see Chart No. 1.)
Aids to Navigation (lights are white unless otherwise indicated):
AERO aeronautical G green Mo morse code R TR radio tower
Al alternating IQ interrupted quick N nun Rot rotating
B black Iso isophase OBSC obscured s seconds
Br beacon LT HO lighthouse Oc occulting SEC sector
C can M nautical mile Or orange St M statute miles
DA diaphone m minutes Q quick VQ very quick
F fixed MICRO TR microwave tower R red W white
Fl flashing Mkr marker Ra Ref radar reflector WHIS whistle
Bottom characteristics: R Bn radiobeacon Y yellow
Bds boulders Co coral gy gray Oys oysters so soft
bk broken G gravel h hard Rk rock Sh shells
Cy clay Grs grass M mud S sand sy sticky
Miscellaneous:
AUTH authorized Obstr obstruction PD position doubtful Subm submerged
ED existence doubtful PA position approximate Rep reported
(1) Wreck, rock, obstruction, or shoal swept clear to the depth indicated.
(2) Rocks that cover and uncover, with heights in feet above datum of soundings.

TIDAL INFORMATION				
PLACE		Height referred to datum of soundings (MLLW)		
NAME	(LAT/LONG)	Mean Higher High Water	Mean High Water	Mean Low Water
Wellfleet	(41°55'N/70°02'W)	feet 10.9	feet 10.4	feet 0.4
Dashes (---) located in datum columns indicate unavailable datum values for a tide station. Real-time water levels, tide predictions, and tidal current predictions are available on the Internet from http://tidesandcurrents.noaa.gov . (Sep 2010)				

TIDAL INFORMATION				
PLACE		Height referred to datum of soundings (MLLW)		
NAME	(LAT/LONG)	Mean Higher High Water	Mean High Water	Mean Low Water
Wellfleet	(41°55'N/70°02'W)	feet 10.9	feet 10.4	feet 0.4

Dashes (---) located in datum columns indicate unavailable datum values for a tide station. Real-time water levels, tide predictions, and tidal current predictions are available on the Internet from <http://tidesandcurrents.noaa.gov>. (Sep 2010)

Mercator Projection
Scale 1:40,000 at Lat.41°50'

North American Datum of 1983
(World Geodetic System 1984)



THE NATION'S CHARTMAKERS

UNITED STATES —
MASSACHUSETTS

WELLFLEET

Formerly C&GS 581, 1st Ed., Mar. 1936

AUTHORITIES
Hydrography and topography by the National Ocean Service, Coast Survey, with additional data from the Corps of Engineers, Geological Survey, and U.S. Coast Guard.

AIDS TO NAVIGATION
Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation.

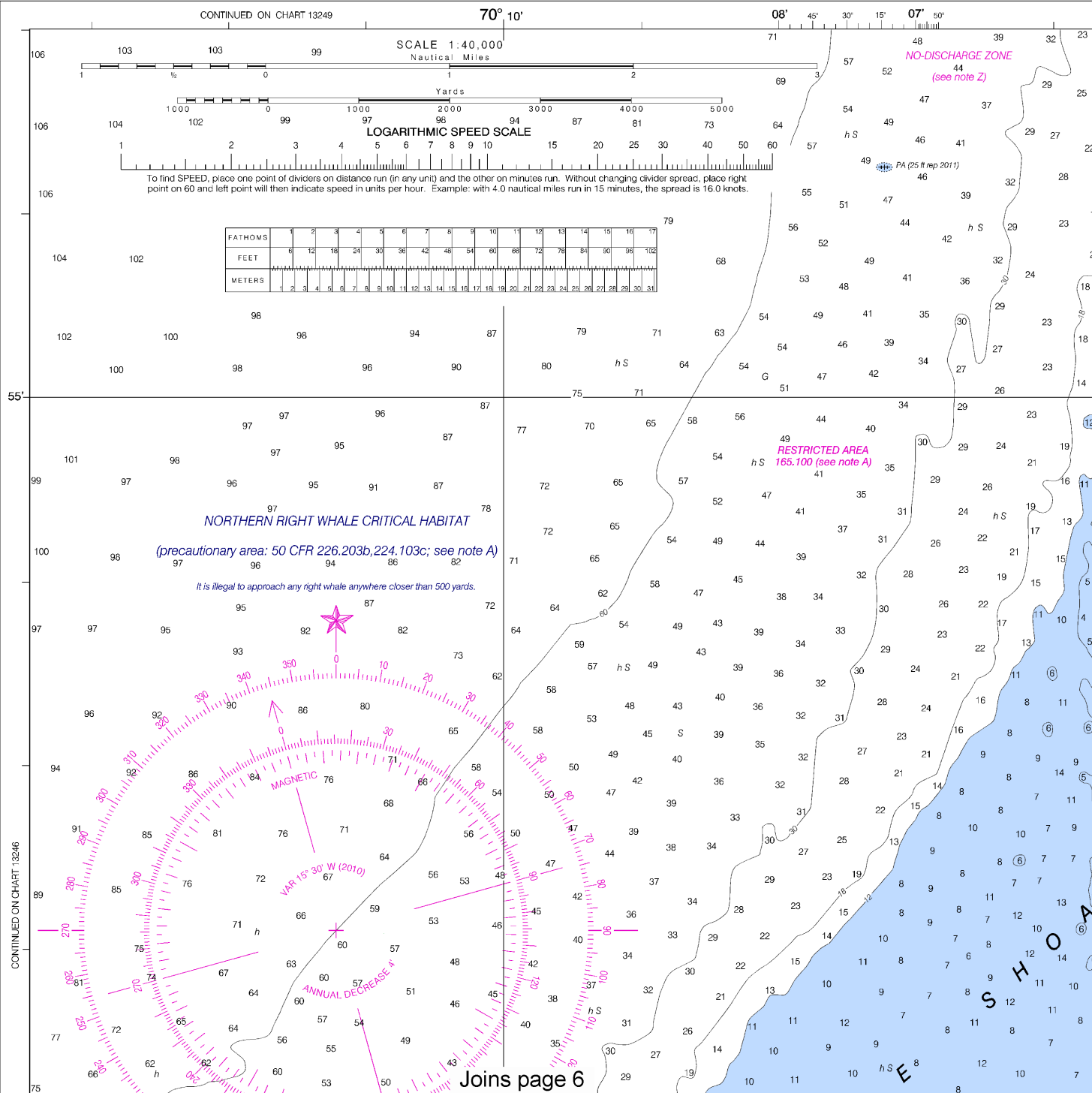
CAUTION
Improved channels shown by broken lines are subject to shoaling, particularly at the edges.

Additional information can be obtained at nauticalcharts.noaa.gov.

HEIGHTS
Heights in feet above Mean High Water.

SUPPLEMENTAL INFORMATION
Consult U.S. Coast Pilot 1 for important supplemental information.

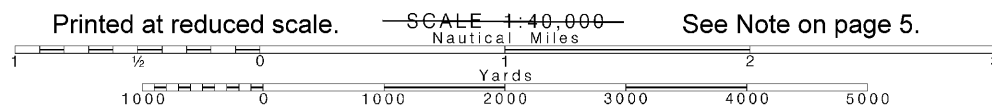
13250



4

Note: Chart grid lines are aligned with true north.

Printed at reduced scale.



See Note on page 5.



NOAA

EAST COAST
SETTS

HARBOR

6 C-1936-424 KAPP 2094

ABBREVIATIONS (For complete list of Symbols and Abbreviations, see Chart No. 1.)
Aids to Navigation (lights are white unless otherwise indicated):

AERO aeronautical	G green	Mo morse code	R TR radio tower
Al alternating	IQ interrupted quick	N run	Rot rotating
B black	Is isophase	OBSC obscured	s seconds
Bn beacon	LT HO lighthouse	Oc occulting	SEC sector
C can	M nautical mile	Or orange	St M statute miles
DIA diaphane	m minutes	Q quick	VQ very quick
F fixed	MICRO TR microwave tower	R red	W white
Fl flashing	Mkr marker	Ra Ref radar reflector	WHIS whistle
		R Bn radiobeacon	Y yellow

Bottom characteristics:

Bds boulders	Co coral	gy gray	Oys oysters	so soft
bk broken	G gravel	h hard	Rk rock	Sh shells
Cy clay	Grs grass	M mud	S sand	sy sticky

Miscellaneous:

AUTH authorized	Obstr obstruction	PD position doubtful	Subm submerged
ED existence doubtful	PA position approximate	Rep reported	
(2) Wreck, rock, obstruction, or shoal swept clear to the depth indicated.			
(2) Rocks that cover and uncover, with heights in feet above datum of soundings.			

NOAA WEATHER RADIO BROADCASTS

The NOAA Weather Radio station listed below provides continuous weather broadcasts. The reception range is typically 20 to 40 nautical miles from the antenna site, but can be as much as 100 nautical miles for stations at high elevations.

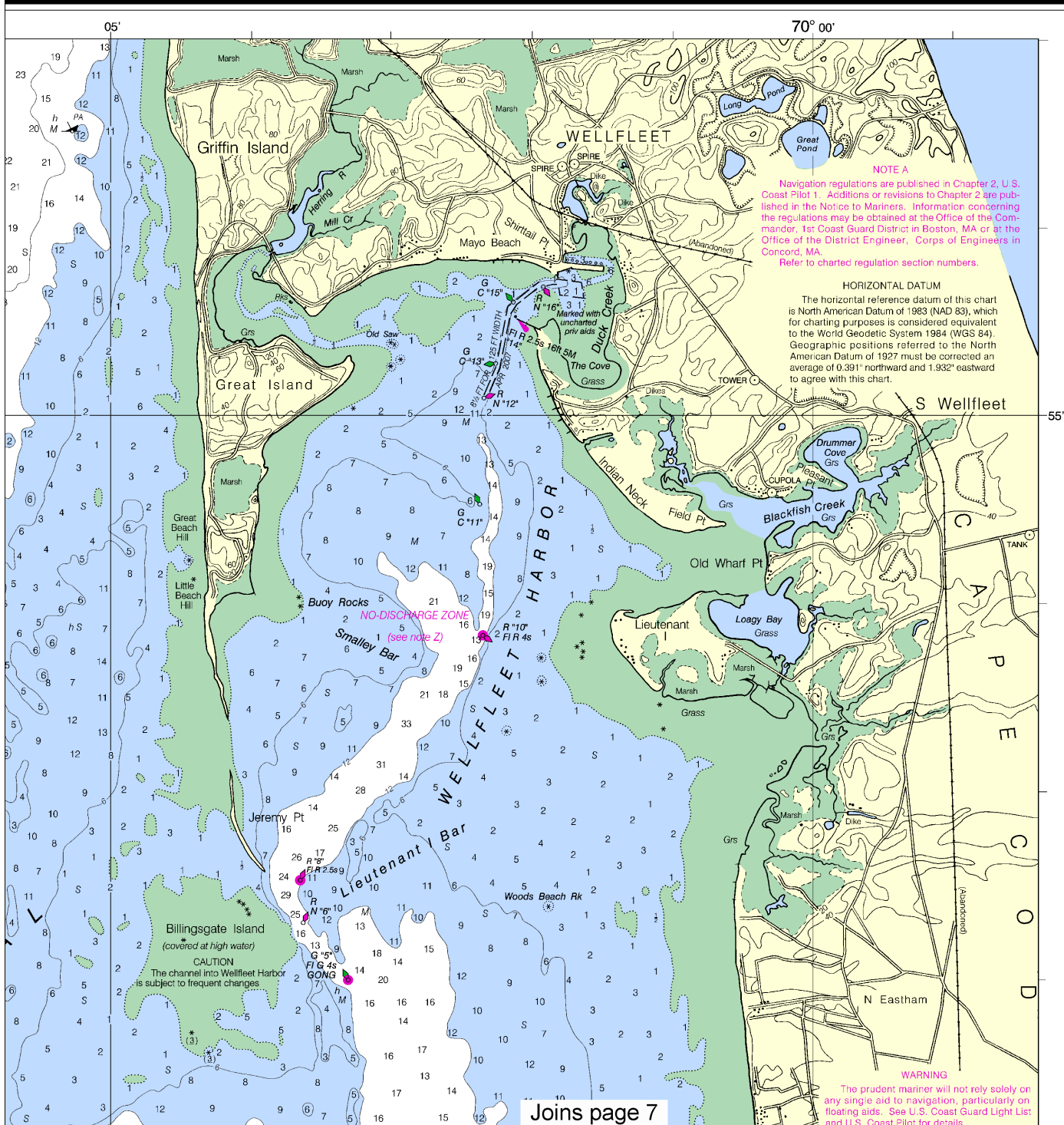
Hyannis, MA KEC-73 162.550 MHz

CAUTION

Temporary changes or defects in aids to navigation are not indicated on this chart. See Local Notice to Mariners.

During some winter months or when endangered by ice, certain aids to navigation are replaced by other types or removed. For details see U.S. Coast Guard Light List.

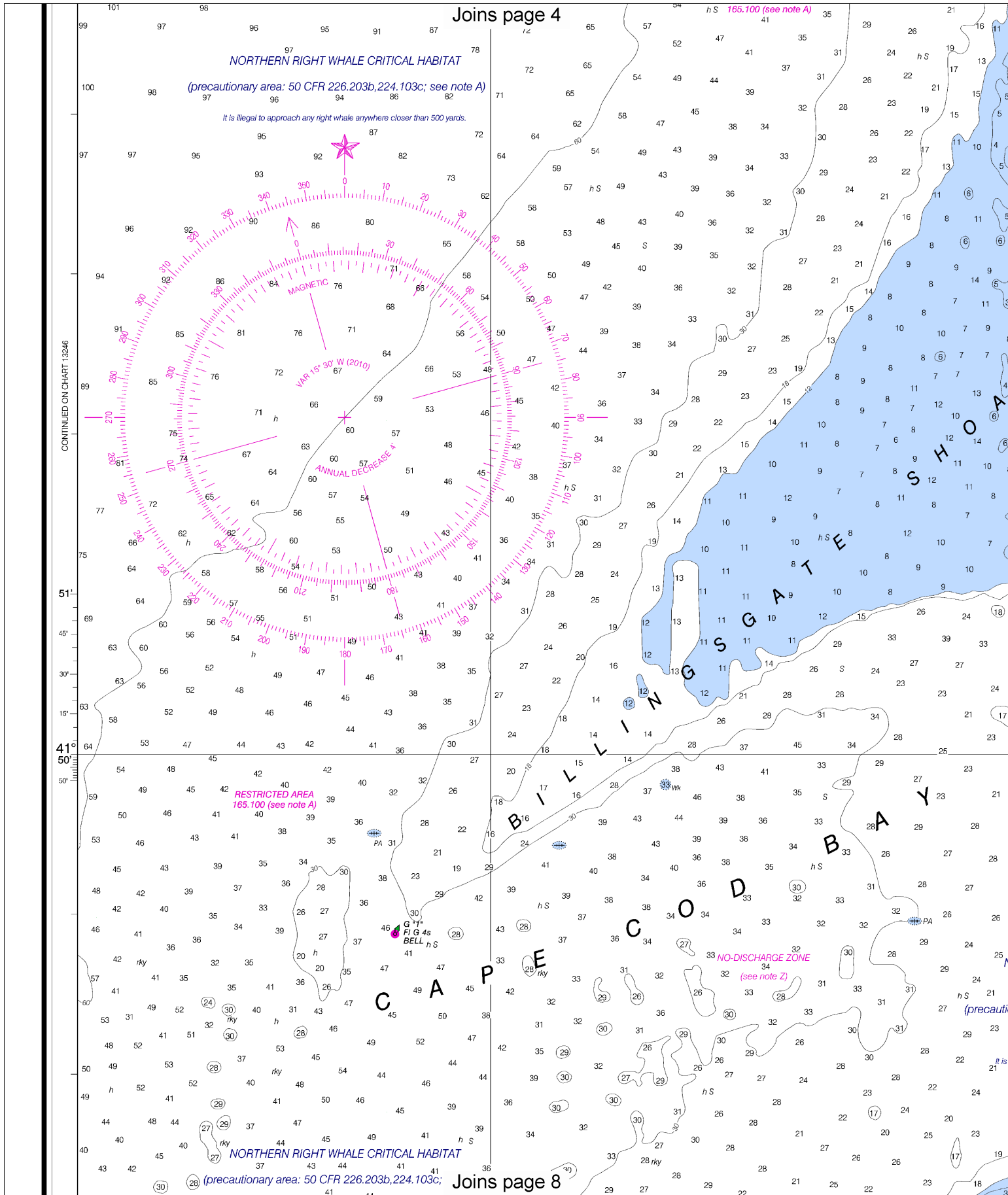
SOUNDINGS IN FEET

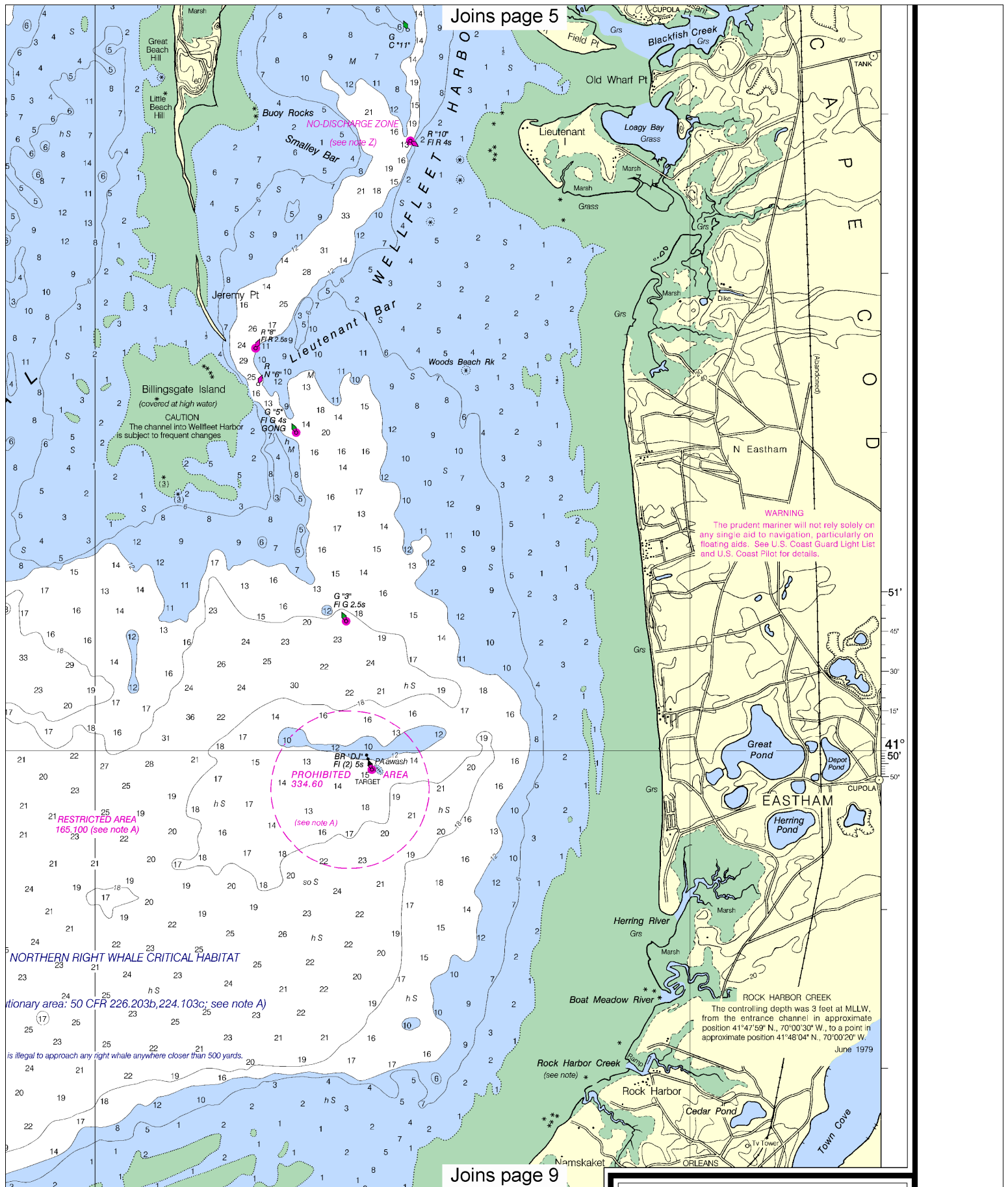


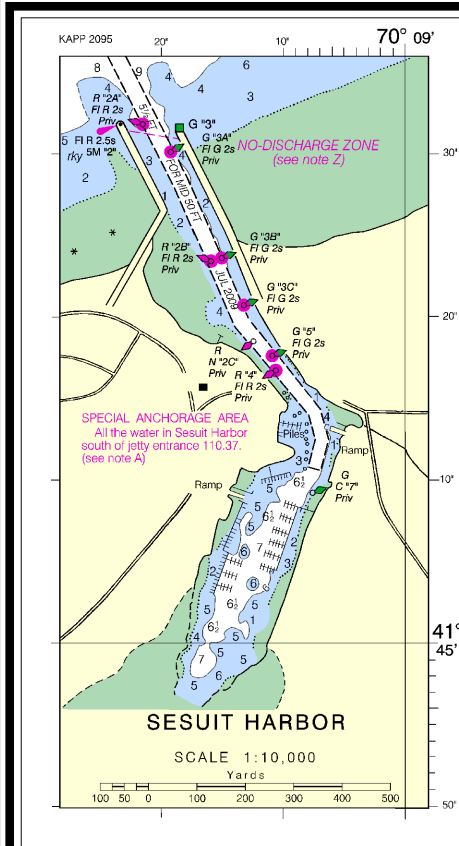
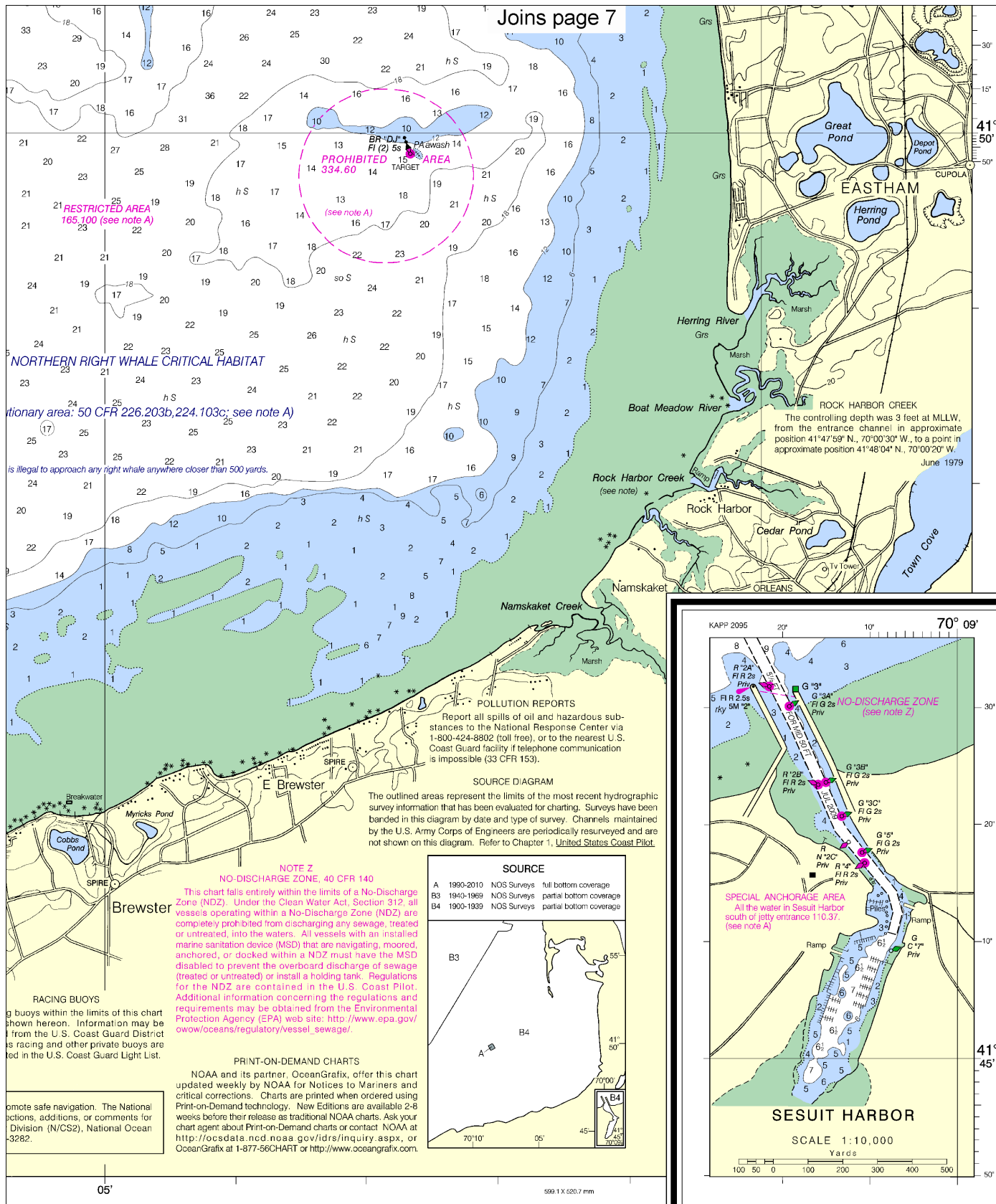
13250

This BookletChart was reduced to 70% of the original chart scale.
The new scale is 1:57143. Barscales have also been reduced and
are accurate when used to measure distances in this BookletChart.

5







Washington, D.C.
DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
COAST AND GEODETIC SURVEY

SOUNDINGS IN FEET

Wellfleet Harbor
SOUNDINGS IN FEET - SCALE 1:40,000

13250

ED. NO. 9
NSN 764201 4010459
NGA REFERENCE NO. 13XHA13250



EMERGENCY INFORMATION

VHF Marine Radio channels for use on the waterways:

Channel 6 – Inter-ship safety communications.

Channel 9 – Communications between boats and ship-to-coast.

Channel 13 – Navigation purposes at bridges, locks, and harbors.

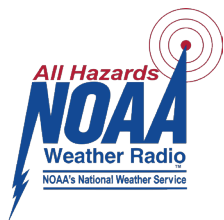
Channel 16 – Emergency, distress and safety calls to Coast Guard and others, and to initiate calls to other

vessels. Contact the other vessel, agree to another channel, and then switch.

Channel 22A – Calls between the Coast Guard and the public. Severe weather warnings, hazards to navigation and safety warnings are broadcast here.

Channels 68, 69, 71, 72 and 78A – Recreational boat channels.

Getting and Giving Help — Signal other boaters using visual distress signals (flares, orange flag, lights, arm signals); whistles; horns; and on your VHF radio. You are required by law to help boaters in trouble. Respond to distress signals, but do not endanger yourself.



NOAA Weather Radio All Hazards (NWR) is a nationwide network of radio stations broadcasting continuous weather information directly from the nearest National Weather Service office. NWR broadcasts official Weather Service warnings, watches, forecasts and other hazard information 24 hours a day, 7 days a week.

<http://www.nws.noaa.gov/nwr/>

Distress Call Procedures

- Make sure radio is on.
- Select Channel 16.
- Press/Hold the transmit button.
- Clearly say: "MAYDAY, MAYDAY, MAYDAY."
- Also give: Vessel Name and/or Description; Position and/or Location; Nature of Emergency; Number of People on Board.
- Release transmit button.
- Wait for 10 seconds — If no response Repeat MAYDAY call.

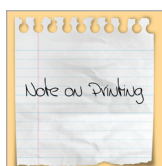
HAVE ALL PERSONS PUT ON LIFE JACKETS!

Quick References

Nautical chart related products and information	—	http://www.nauticalcharts.noaa.gov
Online chart viewer	—	http://www.nauticalcharts.noaa.gov/mcd/NOAAChartViewer.html
Report a chart discrepancy	—	http://ocsddata.ncd.noaa.gov/idrs/discrepancy.aspx
Chart and chart related inquiries and comments	—	http://ocsddata.ncd.noaa.gov/idrs/inquiry.aspx?frompage=ContactUs
Chart updates (LNM and NM corrections)	—	http://www.nauticalcharts.noaa.gov/mcd/updates/LNM_NM.html
Coast Pilot online	—	http://www.nauticalcharts.noaa.gov/nsd/cpdownload.htm
Tides and Currents	—	http://tidesandcurrents.noaa.gov
Marine Forecasts	—	http://www.nws.noaa.gov/om/marine/home.htm
National Data Buoy Center	—	http://www.ndbc.noaa.gov/
NowCoast web portal for coastal conditions	—	http://www.nowcoast.noaa.gov/
National Weather Service	—	http://www.weather.gov/
National Hurricane Center	—	http://www.nhc.noaa.gov/
Pacific Tsunami Warning Center	—	http://ptwc.weather.gov/
Contact Us	—	http://www.nauticalcharts.noaa.gov/staff/contact.htm



— For the latest news from Coast Survey, follow @nauticalcharts



This Booklet chart has been designed for duplex printing (printed on front and back of one sheet). If a duplex option is not available on your printer, you may print each sheet and arrange them back-to-back to allow for the proper layout when viewing.

NOAA's Office of Coast Survey



The Nation's Chartmaker